IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: 2003-059-TAP

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of Inventor(s):

STEVEN MICHAEL KIENTZ MICHAEL S. WAGNER MATTHEW P. WOJCIECHOWSKI

For: MULTI-DIRECTIONAL CARTRIDGE MEMORY ANTENNA DESIGNS

Enclosed are also:

13	Pages of Specification including an Abstract
6	Pages of Claims (1 - 29 Claims)
3	Sheet(s) of Formal Drawings
	A Declaration and Power of Attorney
	Form PTO 1595 and Assignment of the invention to Storage Technology Corporation
	Information Disclosure Statement
	Form PTO 1449 and Reference AE
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Nonpublication Request Under 37 C.F.R. § 1.213(a)

The undersigned certifies that the invention disclosed in the application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

CLAIMS AS FILED

FOR	Number Filed		Number Extra	•	Rate		Basic Fee (\$770)
Total Claims	29	-20 =	9	X	\$ 18	=	\$162.00
Independent Claims	5	-3 =	2	X	\$ 86	=	\$172.00
Multiple Dependent Claims	0			X	\$290	_=	\$0.00
				Total Filing Fee		=	\$1104.00

X Please charge \$1104.00 to Storage Technology Corporation Deposit Account No. 19-4545.

The Commissioner is hereby authorized to charge payment of the following fees associated with the communication, or credit any overpayments to Storage Technology Corporation Deposit Account No. 19-4545. (A duplicate copy of this sheet is enclosed.)

- \underline{X} Any additional filing fees required under 37CFR § 1.16.
- X Any patent application processing fees under 37CFR § 1.17.

Respectfully,

Timothy R. Schulte Registration No. 29,013

STORAGE TECHNOLOGY CORPORATION

One StorageTek Drive

Louisville, Colorado 80028-4309

Telephone: (303) 673-5989

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" mailing label number ER148816303US. Date of deposit November $\underline{\mathcal{Q}}$, 2003. I hereby certify that the papers or fees listed below are being deposited with the United States Postal Service by "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Solurie	K450	>	
Signature			
Stephanie Klepp			
Printed Name	1	-	

ENCLOSED are the following documents, being sent by "Express Mail":

- 1. Transmittal Letter (in duplicate);
- 2. Recordation (in duplicate);
- 3. Assignment (1);
- 4. Declaration and Power of Attorney (1);
- 5. Patent Application (13 pgs. spec. & abstract, 6 pgs. claims 1 29);
- 6. 3 pgs. of formal drawings;
- 7. Information Disclosure Statement;
- 8. Form PTO 1449;
- 9. Reference AE; and
- 10. Two (2) return postcards.